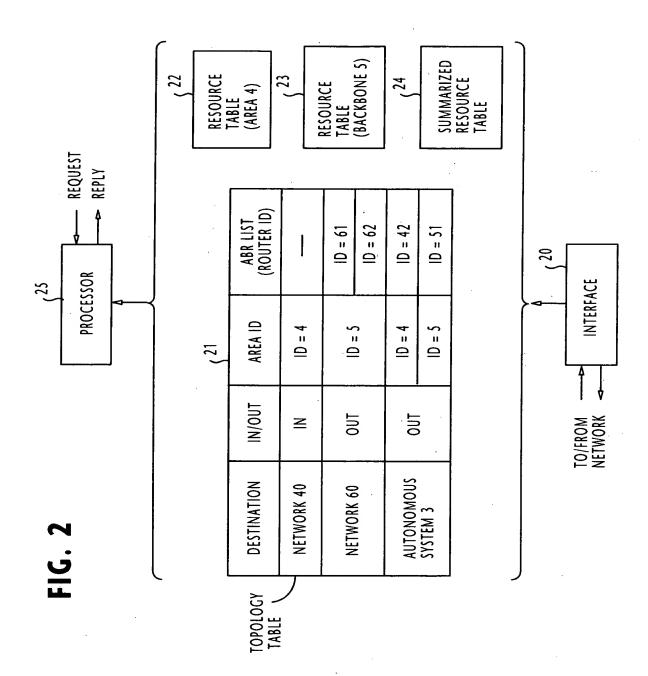


Title: QoS-BASED SHORTEST PATH ROUTING FOR A HIERARCHICAL COMMUNICATION Inventor(s): Norihito FUJITA

Appl. No.: 09/836,177





Title: QoS-BASED SHORTEST PATH ROUTING FOR A HIERARCHICAL COMMUNICATION

Inventor(s): Norihito FUJITA Appl. No.: 09/836,177

FIG. 3A

ς ²²

RESOURCE TABLE (AREA 4)		INCOMING					
		ROUTER 41	ROUTER 42	ROUTER 43	ROUTER 44	ROUTER 45	
	ROUTER 41	_	20	20	_	_	
SNI	ROUTER 42	. 5		20	20	_	
OUTGOING	ROUTER 43	20	20			20	
0	ROUTER 44		20	_	_	_	
	ROUTER 45	_	_	20	_	· <u>—</u>	
						(Mbps)	

FIG. 3B

(23

RESOURCE TABLE (BACKBONE 5)		INCOMING						
		R44	R45	R51	R52	R53	R54	R55
OUTGOING	ROUTER 44		_	20	_		_	_
	ROUTER 45	_			20	_	_	_
	ROUTER 51	20	_	_	-10	20	_	_
	ROUTER 52	_	20	20	_	10	20	_
	ROUTER 53	_	_	20	20	_		20
	ROUTER 54	_		_	20			_
	ROUTER 55	_	_	_	_	20	_	_
_				,				(Mbps)

FIG. 3C

s 24

DESTINATION	ABR	HOP COUNT	AVAILABLE BANDWIDTH		
NETWORK 60	ROUTER 61	. 3	30 Mbps		
INCINIONN OU	ROUTER 62	3	10 Mbps		



Title: QoS-BASED SHORTEST PATH ROUTING FOR A HIERARCHICAL COMMUNICATION

Inventor(s): Norihito FUJITA Appl. No.: 09/836,177

FIG. 4A

